



IN THE CLAIMS

Please amend the claims as follows:

Claims 1-13 (Canceled).

Claim 14 (Previously Presented): A quartz glass crucible having an inside surface and an outside surface, said crucible comprising a transparent coated layer, wherein said coated layer comprises a crystallization promoter dispersed in a silica matrix on at least the inside and/or the outside surface of said crucible, said crucible containing, therein, polysilicon.

Claim 15 (Previously Presented): The quartz glass crucible according to Claim 14, wherein said crucible is obtained by coating a silica sol liquid comprising a metal salt and a partial hydrolyzate of an alkoxysilane oligomer on the surface of the crucible, and heating a crucible coated with the silica sol liquid to form a transparent coated layer comprising a crystallization promoter derived from said metal salt.

Claim 16 (Currently Amended): The quartz glass crucible according to Claim 14, obtained by coating the crucible with a silica sol liquid comprising a metal organic acid salt or a metal carbonate of one or more of [[the]] magnesium, calcium, strontium, or barium, and a partial hydrolyzate of an alkoxysilane oligomer on the surface of the crucible, and heating said coated silica sol liquid to form a transparent coated layer comprising the metal oxide or the metal carbonate as a crystallization promoter.

Claim 17 (Canceled).

Claim 18 (Previously Presented): The quartz glass crucible according to Claim 15, wherein said metal salt is a salt of magnesium, calcium, strontium or barium.

Claim 19 (Previously Presented): The quartz glass crucible as claimed in Claim 16, wherein said silica sol liquid comprises a metal organic acid salt that is a magnesium, calcium, strontium or barium carboxylate.

Claim 20 (Previously Presented): The quartz glass crucible as claimed in Claim 16, wherein said silica sol liquid comprises a magnesium, calcium, strontium or barium carbonate.

Claim 21 (Previously Presented): The quartz glass crucible as claimed in Claim 14, wherein said transparent coated layer is located on the inside surface of said crucible.

Claim 22 (Previously Presented): The quartz glass crucible as claimed in Claim 14, wherein said transparent coated layer is located on the inside and outside surface of said crucible.

Claim 23 (Previously Presented): The quartz glass crucible as claimed in Claim 14, wherein said transparent coated layer is located on an outside surface of said crucible.